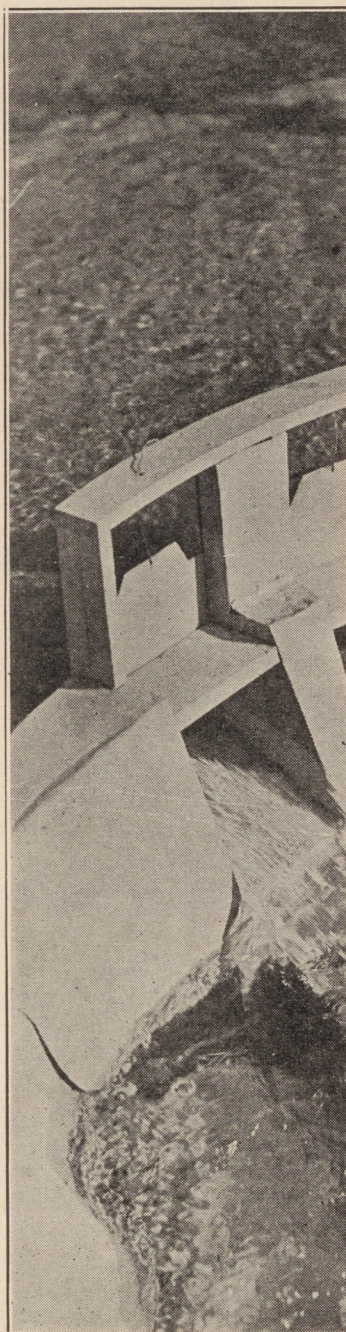


AQUEDUCT

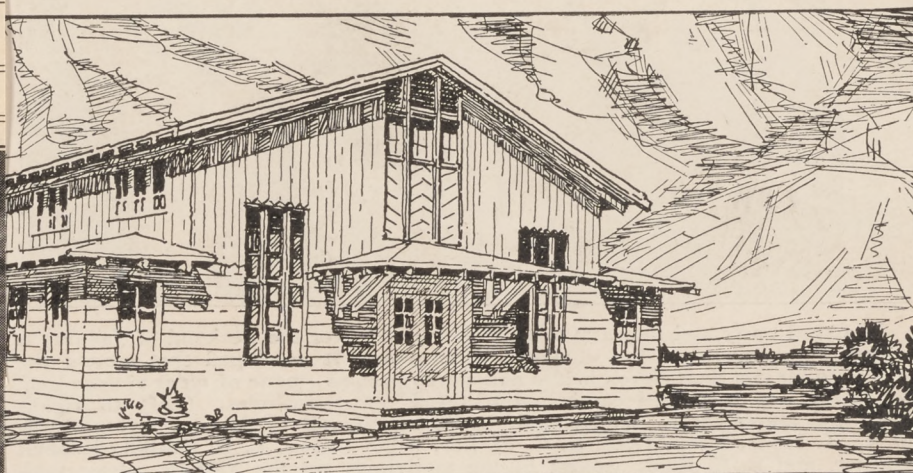
THE METROPOLITAN WATER DISTRICT

NAL FACILITIES PLANNED ELLA DIVISION

Vol. 1.



This hydraulic model of Parker I



Recreation Hall at Pushawalla Camp on Coachella Division of the Aqueduct

shows, boxing and wrestling matches, lectures, and meetings.

Construction of the hall will be launched in the near future, it was indicated.

Employees' Desires

In his recommendation to the Board, General Manager Weymouth pointed out that the need for such an establishment is in line with the desires of the central employees' entertainment committee, representing all the camps on the Coachella Division.

Attention was drawn to the fact that the erection of the new building at Pushawalla will make it possible to hold dances and other social events without depriving the men at Berdoo, who may not care to participate, of the use of the Berdoo Recreation Hall.

In addition, the new building will be much better suited to dancing than is the Berdoo Hall where such events are now being held. Special attention is being given to the floor of the Pushawalla structure.

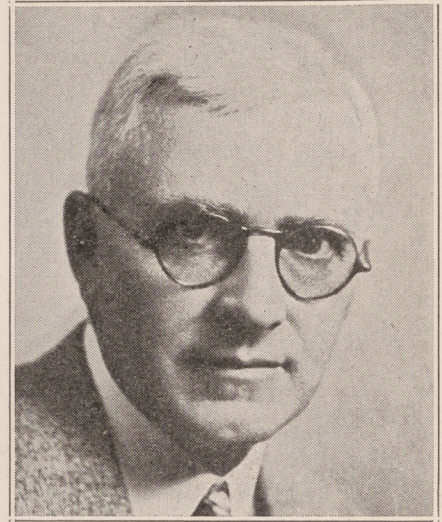
In his statement to the directors, the General Manager discussed the need for a library as follows:

Library Need

"I am of the opinion that there is need for a circulating library at the various tunnel camps, and have requested all District employees to donate to this cause such books and magazines as they may no longer need. It is possible that such donations will be sufficient to take care of the needs, but if not, additional books should be purchased by the District. We plan to circulate such books through the various commissary clerks, who will charge the books to the various employees, and see that they are properly returned to the library."

The AQUEDUCT NEWS desires to serve its readers by publishing announcements of forthcoming recreational activities of the various aqueduct divisions and camps. Such items should be forwarded to officers of the magazine, 306 West Third Street, Los Angeles, through duly authorized correspondents.

AL MESSAGES



F. E. Weymouth,
General Mgr. & Chief Engineer

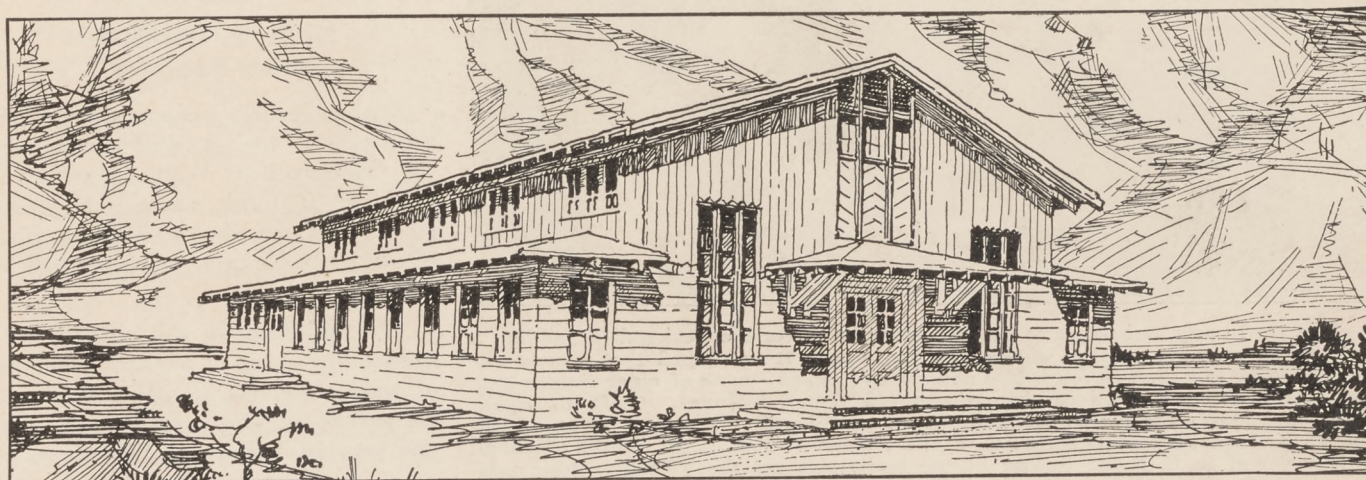
Working out of camps and headquarters buildings situated along a 300-mile front, more than 3,500 men—and women—are now carrying forward the task of building the Colorado River Aqueduct.

Because our working units are physically so widely separated, we find it difficult at times to keep in touch one with the other—and to keep in mind the progress being made at points far removed from our own particular work. The primary purpose of AQUEDUCT NEWS is to bring us all closer together—to get us better acquainted with our fellow workers—and to keep us all more accurately informed as to the progress of construction work on the aqueduct as a whole.

It is hoped that AQUEDUCT NEWS especially will prove to be of interest and real use to the aqueduct forces in the field. We hope it will also assist in informing the public generally as to the work being accomplished and the goal towards which we all are moving. AQUEDUCT NEWS is being published by the District for aqueduct workers—on contract work and force account work, alike. Therefore, the cooperation and active assistance of every worker on the aqueduct job is cordially invited.

F. E. WEYMOUTH,
General Manager and Chief Engineer.

RECREATIONAL FACILITIES PLANNED FOR COACHELLA DIVISION



Architect's drawing of proposed Recreation Hall at Pushawalla Camp on Coachella Division of the Aqueduct

Greatly increased recreational facilities for District employees on the Coachella Division of the Aqueduct were in prospect this week as plans were being completed for a central recreation hall at Pushawalla Camp.

Acting on the recommendation of General Manager and Chief Engineer Weymouth, the District's Board of Directors has authorized the erection of such a building, and has appropriated sufficient funds to finance its construction. The estimated cost will be approximately \$4,500.

Tennis Court

The Board's action also contemplated the construction of a tennis court at Berdoo Camp, the establishment of a circulating library to furnish reading material for the men in all six Coachella Camps, and the providing of other recreational facilities as may be necessary from time to time. An additional \$1,500 was appropriated for these purposes.

It will be constructed in such a manner as to be suitable for dances, picture

shows, boxing and wrestling matches, lectures, and meetings.

Construction of the hall will be launched in the near future, it was indicated.

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The card party and dance at the Banning office over the weekend of January 6 assumed the proportions of a wholesale honeymoon. It developed that among the guests were no less than eleven brides and eleven grooms—none of older vintage than six months. The newlywed contingent pictured above includes: (Left to right) Messrs. and Mesdames E. W. Holland, G. A. Spassky, R. J. Brown, Irving Burdman, C. K. Lewis, Byron Gree, G. C. Pfeffer, Allan Capon, L. H. Tuthill, Hubbell Carpenter, and E. C. Reid. Newest of the newlyweds are the Tuthills, whose wedding was an event of Christmas Day. Their's was a real District romance, Mrs. Tuthill being the former Olga Anderson who for two years was employed in the office of the Chairman of the Board in Los Angeles. Tuthill is in charge of the District's testing laboratory in Banning.

375 ENJOY BANNING PARTY

The year 1934 was ushered in a bit tardily, but none the less festively, on the night of Saturday, January 6, by 375 Metropolitan Water District employees, wives, and friends who gathered as guests of the Banning office.

Dancing and bridge were the diversions of the evening. Bridge tables were set up in the various offices of the building, and both contract and auction were enjoyed. The six-piece West Coast Orchestra furnished the music for the dancers who foregathered in the north wing of the building from which all drafting tables had been removed.

Orchestral music continued from 9 until midnight. Thereafter, until 2 a. m., the melodies of electrical transcriptions were provided.

From 10 until midnight supper was served in the south wing of the headquarters building.

Acting as hosts and hostesses at the gala affair were Mr. and Mrs. J. B. Bond, Mr. and Mrs. R. C. Booth, Mr. and Mrs. R. B. Diemer, Mr. and Mrs. B. C. Leadbetter, Mr. and Mrs. R. M. Merriman, and Mr. and Mrs. John Stearns.

The prize winners at the bridge tables

were: Mrs. C. P. Weaver and O. J. Schieber, first prizes for contract; Mrs. T. J. Churchill and John Stearns, second prizes for contract; Mrs. E. K. Pool and E. W. Gardner, first prizes for auction.

Working together on arrangements for the party were almost 100 employees of the Banning office. Chairmen of the committees were: Richard Stephens, Jr., finance; J. B. Bond, reception; William Cedarholm, food and refreshments; Del Laneville, dance; David May, hall and grounds decorations; William L. Sanders, bridge; Harry C. Morgan, program and entertainment; Sam Crown, designs; Al Preston, parking and police; Melvin Lehman, general house committee.

Among the guests were sixty from the Los Angeles office, most of whom stayed the night in the Banning hotels.

The Los Angeles visitors rounded out the weekend Sunday by accompanying Division Engineer R. B. Diemer on a visit to Thousand Palms Camp and Berdoo Camp in the Coachella Division, and taking advantage of arrangements made by Division Engineer B. C. Leadbetter to view the Cabazon Shaft on the San Jacinto job.

Osgood Outlines Safety Measures

(Editor's Note: This introduces a series of articles designed to familiarize Aqueduct workers with the principles of accident prevention and with safety measures which can be practiced for the mutual benefit of all.)

By T. W. OSGOOD
Safety Engineer

Prior to beginning construction of this great project, the Board of Directors of the Metropolitan Water District of Southern California, among other labor policies, announced — "The application of every possible safety measure shall be practiced."

The fulfillment of this policy lies in maintaining a good physical condition of plant, adherence to safe practices on the part of all, and in friendly cooperation between employer and employee.

In making operative the safety policy of the District the accident prevention work is being prosecuted directly by the safety engineer and staff, the division engineers and assistants, and supervisors of operating departments. Also, the State Industrial Accident Commission is carrying out its official function in this connection; compensation insurance companies are active in accident prevention on their respective risks; the U. S. Bureau of Mines is lending cooperative aid to the issue.

Inspections are made of tunnel and other working places. Hazardous conditions and practices are called to the attention of the various supervisors for correction.

Camp Safety Committees, a General Safety Committee, and an Executive Safety Committee, each hold regular monthly meetings for the purpose of promoting safety on the job.

At the request of the District, the U. S. Bureau of Mines assigned its senior instructor to give first aid training at the various camps.

For the purpose of coping with possible tunnel fires or other major emergencies, the District has established a rescue station at Berdoo Camp. This unit consists of a rescue truck, ten sets of oxygen breathing apparatus, and other rescue equipment. More than forty men have been trained in mine rescue operations.

AQUEDUCT PROGRESS REVIEWED; NEW TUNNELS AND PARKER DAM TO BE LAUNCHED

With work soon to be launched on nine more miles of tunnel and on Parker Dam, Colorado River Aqueduct construction gained added momentum as it entered the new year.

As 1933 passed into history, a review of achievements on the aqueduct revealed that well over 3,500 men already are at work along a 250-mile front and construction is under way or contracted for on one-third of the main line of the project.

Even greater activity in 1934 is assured by the scheduled launching of additional tunnel work and the construction of the District's diversion dam on the River soon will be started.

Parker Dam

Of prime importance was news from Washington a few days ago that the Public Works Administration of the Federal Government has approved the Metropolitan Water District's application for funds to start construction work on Parker Dam, and has released \$2,000,000 to set this activity under way.

It was stated by PWA officials that \$1,700,000 of this amount is to be used for labor and materials, of which thirty per cent, or \$510,000, has been awarded to the District as an outright grant of money from the Government. Actual construction of Parker Dam will start within two months. It is estimated that employment will be given to 600 men.

The Parker Dam unit of the aqueduct is to be built by the Federal Government in accordance with a contract existing between the Government and the District. The total cost of the Dam is estimated at approximately \$13,300,000, and the District will compensate the Government directly for all moneys expended on its construction.

A further indication of accelerated aqueduct construction early in the new year was contained in action by the District's Board of Directors calling for bids on the remaining aqueduct main line tunnels.

At the same time, the board requested estimates from the General Manager on the cost of driving the tunnels by force account. These estimates and contractors' bids on the tunnels will be used as the basis of a decision as to which method shall be followed in carrying forward the work.

Nine Miles of Bore

The tunnels upon which bids will be received, on January 30, are East Eagle Mountain tunnel, Morongo tunnels No. 1 and No. 2, Blind Canyon tunnel, Long Canyon tunnel, and the west half of Seven Palms tunnel. The East Eagle Mountain bore is 1.79 miles long, while the remaining work aggregates 7.1 miles. All the tunnels except the one at Eagle Mountain are in the Coachella Division of the aqueduct. Commencement of work on these bores will bring the total

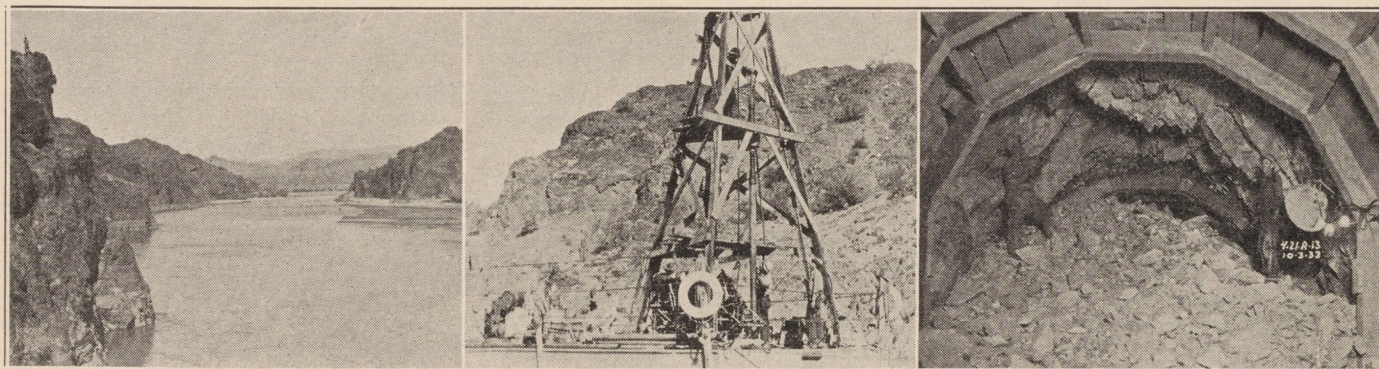
amount of aqueduct tunnel under construction up to ninety-one miles.

At the present time construction work is going forward from thirty-one camps. Eighty-two miles of tunneling is under way. Contracts and commitments made by the District total approximately \$60,000,000.

Records Made

Other features of aqueduct construction achievement during the past twelve months included road and power line building programs. The aqueduct power system, which delivers electricity to the various camps for construction and domestic use, is 446 miles in length. Its building occupied 300 days, making an average of a mile and one-half of line construction every day. During that period, in addition, a substation was erected every ten days, and six large central substations were built for the entire system.

The aqueduct road system constitutes what is believed to be the largest highway building program ever launched over a similar period in the history of California. During a period of 180 days, 120 miles of oil surfaced highway was constructed, making an average of approximately two-thirds of a mile every day. E. E. East, chief engineer of the Automobile Club of Southern California, is authority for the statement that this represents what is probably a world's record for road construction.



Colorado River Aqueduct highlights, past and present—Left: Scene on the Colorado River near the site of Parker Dam. Center: Core drilling from a barge at the dam site. Right: "Holing through" Wide Canyon Tunnel No. 2, first of the Aqueduct bores to be completed.

COLORADO RIVER AQUEDUCT TUNNEL PROGRESS

Jan. 1 to Jan. 6, 1934

Best Progress This Period: Coxcomb, East Heading—183 feet.

CONTRACTOR	TUNNELS ON CONTRACT	Length in feet	Excav. Progress in ft.		CONTRACTOR	TUNNELS ON CONTRACT	Length in feet	Excav. Progress in ft.	
			This Period	Total to date				This Period	Total to date
Walsh Constr. Co.	COLORADO RIVER West Portal	(5640) 5640	0	0	J. F. Shea Co.	COTTONWOOD East Portal West Portal	(20105) 10114 9991	112 176	2187 2154
	COPPER BASIN, No. 1 West Portal	(750) 750	0	0	Morrison- Knudsen	MECCA PASS No. 1 No. 2 No. 3	(5927) 325 997 4605	0 0 120	0 0 1032
	COPPER BASIN, No. 2 East from adit Adit West from adit	(11,511) 1821 613 9690	122 0 96	474 613 519		West Constr. Co.	WHITEWATER No. 1, West Portal No. 2, East Portal	(10206) 2060 8146	0 148
	WHIPPLE MT. East from adit Adit West from adit	(32225) 18338 1020 13887	109 0 67	445 1020 364	Wenzel & Henoch		SAN JACINTO East from Cabazon Cabazon shaft Cross drift West from Cabazon East from Potrero Potrero shaft West from Potrero West Portal	(67,415) 8553 261 1039 22839 20589 796 6712 8722	0 0 80 0 0 12 0 174
	Winston Bros.	IRON MT. East from shaft Shaft West from shaft	(39805) 9890 181 13743	6 0 151		169 181 679	Hamilton & Gleason	BERNASCONI East Portal	(6220) 6220
Utah Constr. Co.		IRON MT. West Portal	16172	111	3496	Dravo Contr. Co.		VALVERDE East from Shaft 1 Shaft 1 West from Shaft 1 East from Shaft 2 Shaft 2 West from Shaft 2 East from Shaft 3 Shaft 3 West from Shaft 3 East from Shaft 4 Shaft 4 West from Shaft 4	(37,150) 1275 80 3462 3463 226 6175 6175 208 5975 5975 — 4650
Winston Bros.	COXCOMB East Portal West Portal	(17795) 8765 9030	183 0	1887 0	Total Excavation Contract Tunnels exclusive of Adits and Shafts			296,361	2,336
Broderick & Gordon	WEST EAGLE MT. East from adit Adit West from adit	(26560) 7937 1950 7974	0 99 0	0 1424 0					
	L. E. Dixon & Bent Bros.	WEST EAGLE MT. West Portal	10649	154		1346			
Hunkin & Conkey	HAYFIELD, No. 1 East from adit Adit West from adit	(9677) 5339 618 4338	22 46 0	22 468 0					
	Shofner & Gordon	HAYFIELD, No. 2 West Portal	(5375) 5375	90		768			

TUNNELS ON FORCE ACCOUNT

EAST COACHELLA TUNNEL				WEST COACHELLA TUNNELS			
<i>Yellow Canyon Adit</i>				<i>1000 Palms</i>			
East from Adit				No. 1, W. Portal			
West from Adit				No. 2, E. Portal			
				No. 2, W. Portal			
<i>Fargo Canyon Adit</i>				<i>Wide Canyon</i>			
East from Adit				No. 1, E. Portal			
West from Adit				No. 1, W. Portal			
				No. 2 Tunnel			
<i>Berdoo Canyon Adit</i>				<i>7 Palms</i>			
East from Adit				E. Portal			
West from Adit				Total Excavation Force Account Tunnels exclusive of Adits and Shafts			
<i>Pushawalla Canyon Adit</i>				*Total Tunnel Excavation (In miles)			
East from Adit							
West from Adit							

*Does not include East Eagle Mt. or Schedules 7 and 8 of the West Coachella Tunnels

NEWS FROM FIELD AND OFFICE

Of interest to aqueduct employees are plans being made in Sacramento by the California Highway Commission for the elimination of the dips on Highway 99 between Cabazon and Whitewater at a cost of approximately \$100,000. An additional allocation of \$25,000 has been made for similar work on the highway between Cabazon and Banning.

* * *

A visitor at the District's testing laboratory at Banning recently was Mayor Frank L. Shaw of Los Angeles, whose frequent trips along the aqueduct line attest his keen interest in the project.

* * *

The Metropolitan Water District has advertised another block of bonds totaling \$8,064,000. Bids will be received at 2 p. m., January 19. The District already has sold a total of \$14,112,000 of its bonds to the Reconstruction Finance Corporation, which Federal agency has agreed to bid on and buy aqueduct bonds up to \$40,000,000.

* * *

The new two-mile road from the District road to Pushawalla Machine Shop is a welcome improvement to residents of the camp.

* * *

Pushawalla's colored "Singing Waiters" rendered several numbers at an Indio Cafe on New Year's Eve, and were enthusiastically received by the patrons.

* * *

An unusual celebration was held at Thousand Palms on New Year's night. Only the fire siren sped 1933 on its way New Year's Eve. Twenty-four hours later the camp decided that it had not celebrated the New Year properly, so practically everyone lined up for a midnight parade of the "Horribles." The quaint costumes and weird music made the parade a howling success in more ways than one.

* * *

One Hard-Rocker at Fargo has a pitiful story to relate to anyone who will listen. It concerns his many attempts to trade his Christmas present, a viciously striped necktie for something—anything. His best friends have been religiously avoiding him, not caring to hear his

story again, and determined not to share his grief.

* * *

In line with the traditional recapitulations made around the New Year, statisticians at Wide Camp revealed that in the camp's eight months of tunnel operations, 3,700 feet has been drilled. It was recalled, also that Wide had the distinction of being the first aqueduct camp to "hole through" when the graveyard shift of October 3, 1933, broke through Wide Tunnel No. 2 at 3 o'clock a. m.

* * *

Merrill Johnson tops the men's tennis rankings for the Los Angeles office Tennis Club this week with an average of 738. Other players stand as follows: Scrivner .650, Osgood .611, Clayton .529, Neighbors .472, L. Smith .467, Bladholm .444, Aultman .357, O'Brien .309, Lewis .306, Beckwith .276. Feminine members of the club have not yet played sufficient games to establish a ladder.

* * *

Although O. T. Helpling of the Purchasing Division continued to occupy his nearly perpetual post at the top of individual bowling ladder, standings for the week of January 4th reveal that honors for team score go to the Accounting Division followed by Distribution, Controller, Purchasing, Design, and District General. Individual standings and averages are as follows: Helpling, 171; Crawshaw, 157; Brandt, 156; Luney, 156; Swinford, 154; Gardner, 153; McKinlay, 150; Baker, 144; Crawford, 143; Muret, 142; Irvine, 138; Johnson, 137; Skinner, 135; G. Smith, 134; Purington, 134; Capon, 134; Sciarra, 132; Keigan, 132; Olson, 132; White, 129; Hathorne, 129; Davis, 128; Pontius, 123; Turquand, 122; O'Brien, 120; Patton, 118; Irwin, 113; Clarke, 112; Rider, 111. Substitutes: Aultman, 125; Stewart, 113; Charles, 90.

* * *

Messages of sympathy were being extended this week by members of the Metropolitan Water District staff to William Mulholland who recently suffered a fractured arm when he lost his balance momentarily and fell to the floor of his home. Although the arm was broken in two places, it is reported to be

knitting satisfactorily. Mr. Mulholland is internationally known as the builder of the Los Angeles-Owens Valley Aqueduct, and was a pioneer in Colorado River development.

* * *

District employees who braved the torrential rains on New Year's Day to see the Tournament of Roses Parade were interested in the District's prize winning float which was given a special award. Through the medium of thousands of roses, sweet peas, corn flowers, stock, and delphinium, the float depicted the bringing of water from the snow-capped Rocky Mountains to the District cities. On its fore part was a mountain range built in white chrysanthemums to represent the snow, pale lavender stock to represent the foothills, and dark purple stock to represent the valley. The central portion of the float depicted the desert, built in topaz chrysanthemums and candy tuft. Toward the rear was a large rose arbor built solidly in Hollywood roses. Under this an Indian water carrier poured water into a shallow bowl from a rose covered bucket. The Queen of the District cities was seated upon a dais built solidly in yellow and white roses. The float was 36 feet long.

* * *

Of interest to legal authorities throughout the State, as well as to the District itself, is the District's test case now pending before the California Supreme Court. The suit will determine the validity of an amendment to the Metropolitan Water District Act which would permit the payment during the construction period of the Aqueduct of interest charges with money received from the sale of bonds.

* * *

Western representatives of large industrial concerns in the East and Middle West were informing their executive officers this week that the Metropolitan Water District is ready to purchase more than \$20,000,000 of supplies and equipment to continue construction of the Colorado River Aqueduct. These purchases will be largely completed within three or four months after the Public Works Administration approves an application now on file for additional Federal funds.

Thirteen Tunnel Contractors on Job

Fifty-eight miles of tunnels on the Colorado River Aqueduct are now being driven by thirteen large contracting firms. These contractors on January 1 were employing approximately 2,000 workers. It is the aim of AQUEDUCT NEWS to serve the interests of men employed on the contract work in common with those employed directly by the District.

Following is a list of the aqueduct tunnel contractors and the tunnel jobs being carried forward by them:

Wenzel and Henoch, San Jacinto Tunnel; Hamilton & Gleason, Bernasconi Tunnel; The Dravo Contracting Co., Valverde Tunnel; Winston Bros. Co., East Iron Mountain and Coxcomb Tunnels; Utah Construction Co., West Iron Mountain Tunnel; J. F. Shea Co., Inc., Cottonwood Tunnel; Broderick & Gordon, East Portion West Eagle Mountain Tunnel; L. E. Dixon Co. & Bent Bros., West Portion West Eagle Mountain Tunnel; Hunkin-Conkey Construction Co., Hayfield Tunnel No. 1; Floyd Shofner & J. N. Gordon, Hayfield Tunnel No. 2; Morrison-Knudsen Co., Mecca Pass Tunnels Nos. 1, 2, and 3; Walsh Construction Co., Colorado River, Copper Basin, and Whipple Mountain Tunnels; and West Construction Co., Whitewater Tunnels Nos. 1 and 2.

General Manager Issues Call for Books

To All Employees:

A circulating library is being established for the use of the men in the various camps and hospital in the field. If you have any books and magazines that you have read and are willing to give to the library, it will be appreciated if you will bring them to the basement supply room of the Los Angeles office or to the Banning headquarters office. We will see that the material is delivered to the camps.

F. E. Weymouth.

COOLING SYSTEMS ORDERED FOR SIX COACHELLA CAMPS

The weather man may not know it yet, but lower temperatures are to be expected this summer in the six camps of the Coachella Division.

At its meeting last week, the Board of Directors of the District authorized the General Manager and Chief Engineer to install cooling systems in the thirty-one bunk houses on the Division which are not now provided with such equipment. The cost of this improvement is not to exceed \$35,000.

The equipment is to be of the surface cooler type now in use in one of the

20-man dormitories at Fargo. This unit, though more expensive than the other four types in use, was considered the most satisfactory.

The General Manager pointed out that the system installed at the Fargo camp differs materially from all the other installations in that the humidity of the circulated air is not greatly increased, as is the air in the other types. In the Fargo installation this results in comfortable room conditions even when the outside air humidity is high; where the other systems are of little or no value at such times.

OFFICIAL PERSONNEL SUMMARIZED FOR INFORMATION OF EMPLOYEES

For purposes of record, and so that employees may have up-to-date information on the District's directorate and administrative staff, the AQUEDUCT NEWS presents the following directory:

BOARD OF DIRECTORS

W. P. Whitsett, Los Angeles, chairman; Franklin Thomas, Pasadena, vice-chairman; S. H. Finley, Santa Ana, secretary; O. E. Steward, Anaheim; George R. Barker, Beverly Hills; J. L. Norwood, Burbank; William H. Foster, Compton; Walter Humphreys, Fullerton; Frank P. Taggart, Glendale; William M. Cook, Long Beach; I. Eisner, Los Angeles; Perry H. Greer, Los Angeles; Walter A. Ham, Los Angeles; John R. Richards, Los Angeles; D. W. Pontius, Los Angeles; Victor H. Rossetti, Los Angeles; J. H. Ramboz, San Marino; Arthur A. Weber, Santa Monica; and J. R. Jensen, Torrance. Charles H. Toll is treasurer and D. W. Pontius is controller.

STAFF ORGANIZATION

F. E. Weymouth, general manager and chief engineer; J. L. Burkholder, assistant general manager; James H. Howard, general counsel; J. M. Luney, assistant controller; James Munn, general superintendent; Julian Hinds, assistant chief engineer; J. M. Graylord, chief electrical engineer; H. A. Beall,

personnel officer; Saul A. Joseph, purchasing agent; George R. LeBaron, right of way agent; A. W. McKinley, chief accountant; Ira R. Pontius, disbursing clerk; Don J. Kinsey, assistant to the general manager; and N. F. Jamieson, labor employment officer.

FIELD STAFF

J. B. Bond, construction engineer; T. W. Osgood, safety engineer; R. C. Booth, division engineer (Div. 1); John Stearns, division engineer (Divs. 2 and 3); R. B. Diemer, division engineer (Div. 4); B. C. Leadbetter, division engineer (Divs. 5 and 6); R. M. Merriam, division superintendent (Coachella); W. L. Taylor, superintendent (Yellow Camp); J. H. Manwaring, superintendent (Fargo Camp); F. A. Weller, superintendent (Berdoo Camp); Charles J. Kavanaugh, superintendent (Pushawalla Camp); D. L. Raeburn, superintendent (Thousand Palms Camp); R. L. Bryant, superintendent (Wide Canyon Camp); and Dr. T. S. Carey, chief surgeon-medical officer.

EMPLOYEES' ASSOCIATION BOARD OF CONTROL

W. W. Aultman, president; W. L. Sanders, vice-president; Geyne Schenk, secretary-treasurer; A. E. McKenzie, Ira R. Pontius, George Baker.